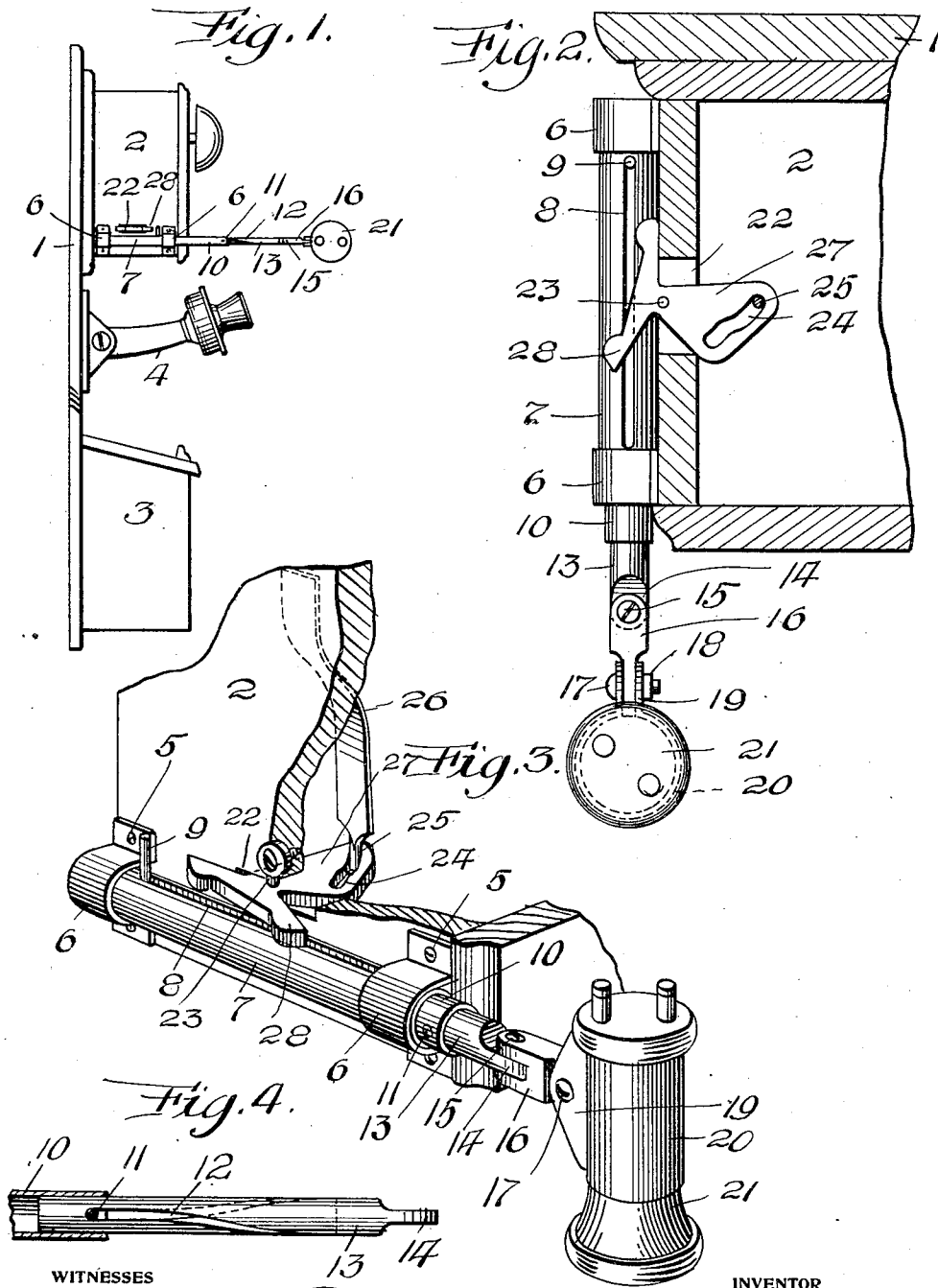


W. D. MILLER.
 TELEPHONE RECEIVER HOLDER.
 APPLICATION FILED MAY 4, 1912.

1,042,811.

Patented Oct. 29, 1912.



WITNESSES

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UNITED STATES PATENT OFFICE.

WILLIAM D. MILLER, OF BUTLER, PENNSYLVANIA.

TELEPHONE-RECEIVER HOLDER.

1,042,811.

Specification of Letters Patent.

Patented Oct. 29, 1912.

Application filed May 4, 1912. Serial No. 695,157.

To all whom it may concern:

Be it known that I, WILLIAM D. MILLER, a citizen of the United States of America, residing at Butler, in the county of Butler and State of Pennsylvania, have invented certain new and useful Improvements in Telephone-Receiver Holders, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to a telephone receiver holder, and the primary object of my invention is the provision of positive and reliable means, as hereinafter set forth, in connection with a telephone for supporting the receiver thereof, whereby it will be unnecessary for the same to be held in the hand during a telephonic conversation, thereby allowing the hands to be used for other purposes.

20 Another object of this invention is to furnish a telephone with a telescopic extensible receiver holder that can be easily and quickly adjusted to properly position a receiver readily to the ear, the adjustment of the receiver simultaneously making the necessary connection whereby a conversation can be carried on over a telephone.

30 A further object of this invention is to accomplish the above results by a mechanical construction that is durable, easy to install, inexpensive to manufacture, and highly efficient for the purposes for which it is intended.

With the above and other objects in view the invention resides in a novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

40 Reference will now be had to the drawing, wherein:—

Figure 1 is a side elevation of a wall telephone provided with the receiver holder. Fig. 2 is an enlarged horizontal sectional view of a portion of a telephone illustrating the holder in plan. Fig. 3 is an enlarged perspective view of the receiver holder, and Fig. 4 is a plan of a portion of the holder.

50 The reference numeral 1 denotes the back-board of a wall telephone, said board having a switch box 2, a battery box 3, and a transmitter 4. Secured to the side of a box 2 by screws 5 or other fastening means are yoke shaped brackets or straps 6 that support a tubular casing 7. The casing 7 has a longitudinal slot 8 and extending through said slot is a pin 9, carried by a tube 10

that is slidably mounted in the tubular casing 7. The tube 10 is of a greater length than the casing 7 and the pin 9 is carried by the rear or inner end of said tube. The forward or outer end of the tube 10 has a transverse pin 11 that extends through a spiral slot 12 provided thereof in a rod 13 that is slidably and rotatively arranged in the tube 10. The outer end of the rod 13 is flattened to provide an apertured lug 14 and pivotally connected to this lug by a screw 15 or other fastening means is a bifurcated coupling member 16 that is pivotally connected by a bolt 17 and a nut 18 to the web 19 of a receiver support 20. The support 20 is in the form of a band that encircles a receiver 21 and firmly supports the same.

75 The box 2 has the side thereof provided with a slot 22 and pivotally mounted in said slot by a pin 23 is a switch actuating member that has the inner end thereof slotted, as at 24 to receive the lower end 25 of a resilient switch arm 26 that controls the circuit in connection with the receiver 21. The outer ends of the switch actuating member, which is designated 27, has a cross head 28 and the pin 9 of the tube 10 is adapted to contact with said cross head.

85 The receiver holder as illustrated in Fig. 3 is in a retracted condition and as illustrated in Fig. 1 said holder is in an extended position. To place the receiver 21 in position for use, the receiver is gripped by the hand and pulled outwardly, such movement causing the rod 13 to partially rotate in the tube 10 and place the receiver 21 in a horizontal and transverse position as illustrated in Fig. 1, whereby the open end of the receiver will be in proximity to the ear of a person at the transmitter 4. As the rod 13 is pulled outwardly, the tube 10 is also moved in the casing 7 and the pin 9 of said tube engages the cross head 28 and shifts the member 27 whereby a talking circuit will be established.

95 When the receiver 21 is restored to its normal position, the talking circuit is broken or opened by reason of the pin 9 engaging the cross head 28 on assuming a retracted position.

100 It is thought that the operation and utility of the receiver holder will be apparent without further description, and while in the drawing there is illustrated a preferred embodiment of the invention, it is to be under-

stood that the structural elements are susceptible to such variations and modifications as fall within the scope of the appended claims.

5 What I claim is:—

1. In a telephone receiver holder, the combination with a receiver and a telephone box, of a casing secured to said box, a tube slidably mounted in said casing, a rod mounted
10 in and capable of being shifted longitudinally of said tube, means for rotating the rod when the latter is moved longitudinally of the tube, a receiver support loosely connected to the outer end of said rod and
15 adapted to support said receiver, and means actuated by a movement of said tube within said casing for controlling the circuit in connection with said receiver.

2. In a telephone receiver holder, the combination with a receiver, of a casing supported in proximity thereto, a tube slidably mounted in said casing, a rod mounted in
20 and slidably longitudinal of said tube, means

for rotating the rod during a longitudinal movement thereof, a receiver support
25 carried by the outer end of said rod and adapted to support said receiver, and means including a switch member actuated by a movement of said tube within said casing for controlling the circuit in said receiver. 30

3. A telephone receiver holder embodying a cylindrical casing, a tube slidably mounted
in said casing, a receiver supporting rod mounted in and shiftably longitudinal of
35 said tube, means for rotating the rod during the longitudinal movement thereof, and means including a horizontal member actuated by a movement of said tube in said casing and adapted to control the talking circuit of a telephone. 40

In testimony whereof I affix my signature in the presence of two witnesses.

WILLIAM D. MILLER.

Witnesses:

JOSIAH MILLER,
ADA RENICK.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."